

Canyon Dam and Canyon Reservoir

OWNER

The U.S. Government. Operated by the U.S. Army Corps of Engineers, Fort Worth District.

ENGINEER (Design)

U.S. Army Corps of Engineers.

LOCATION

On the Guadalupe River in Comal County, 12 miles northwest of New Braunfels.

DRAINAGE AREA

1,425 square miles.

DAM

Type Earthfill  
Length 6,830 ft  
Height (above streambed) 224 ft  
Top width 20 ft

SPILLWAY

Type Broad-crested  
Control None  
Crest length 1,260 ft  
Crest elevation 943.0 ft above msl

OUTLET WORKS

Type 1 conduit, 10-ft diameter (1,087 ft length)  
Control 2 slide gates, each 5.66 by 10 ft

AUTHORIZATION

Federal: River and Harbor Act, March 2, 1945.  
Flood Control Act, September 3, 1954.  
State: Permit No. 1886 (Application No. 1964) January 22, 1959, to the Guadalupe-Blanco River Authority allows appropriation of 50,000 acre-feet of water annually.

RESERVOIR DATA

FEATURE	ELEVATION (FEET ABOVE MSL)	CAPACITY (ACRE-FEET)	AREA (ACRES)
Top of dam	974.0	—	—
Maximum design water surface	969.1	1,129,300	17,120
Top flood control storage space	943.0	740,900	12,890
Top conservation storage space	909.0	386,200	8,240
Maximum tailwater	813.9	—	—
Streambed	750.0	0	0
Sediment reserve below	909.0	19,800	—
Sediment reserve above	909.0	8,300	—

GENERAL

Construction started June 27, 1958  
Impoundment of water began June 16, 1964  
Dam completed August 22, 1964  
General contractor Tecon Corporation, Dallas, Texas  
Estimated project cost \$20,795,000

